



Carleton University Department of Economics

Fall 2026

ECON 3020

Intermediate Microeconomics II: Consumers and General Equilibrium

The Instructor

Professor: Dr. Louis-Philippe Beland

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Office Hours: by appointment via zoom. Email for an appointment. I usually answer emails quickly, but please contact the TA first for any questions or concerns.

The Course

Course Location/Delivery: Online Asynchronous

Course Day and Time: Asynchronous. Weekly emails will announce the recordings to watch and the notes to read.

TA: TBA

Email Address: TBA

Office Location: TBA

Office Hours: TBA

Brightspace Course Page: <https://brightspace.carleton.ca/d2l/home/369558>

Course Description and Learning Outcomes

This course analyzes the theory of consumer choice and demand; applications to intertemporal choice, labour supply, and choice under uncertainty; welfare analysis; general equilibrium theory; externalities and the role of government. We will use several tools from mathematics to formalize economic models and analyze economic issues. Therefore, students must be familiar with basic algebra, calculus and geometry.

Lectures are pre-recorded with links to the videos on Brightspace. Students can watch the pre-recorded video at their convenience. Detailed lecture notes in PDF or Word documents will be uploaded to Brightspace. Those are the best resource to study, in addition to the problem sets and practice exams posted on Brightspace. I will send weekly emails regarding what should be done during the week.

Brightspace will be used for the following: All course announcements and email; Problem Sets announcement; links to the course documents; viewing of pre-recorded lectures; Exams announcement; Submission of problem sets and midterm exams.

Preclusions and Prerequisites

Precludes additional credit for ECON 2001, ECON 2002 (no longer offered), and ECON 2003 (no longer offered). Prerequisite(s): ECON 2020 with a grade of C- or higher or ECON 2009 with a grade of C+ or higher, and ECON 1402 (or equivalent) with a grade of C- or higher. Students who believe they have taken a similar background course or courses from another university must provide appropriate documentation to the Department of Economics Undergraduate Administrator. A grade of C+ or higher is required to qualify for ECON 3900, 3920, and 4020.

Course Calendar

Please check Brightspace for the most up-to-date due dates for problem sets and exams.

Tentative schedule (subject to changes, see weekly emails):

Midterm 1: October 21 online

Midterm 2: November 16 online

Final Exam: Final comprehensive exam schedule. Final Exam will be in person.

Textbooks and Readings

Texts

“Perloff, Jeffrey M. Microeconomics: theory & applications with calculus, 5th edition.”

The textbook is available here: (<https://www.bkstr.com/carletonstore/shop/textbooks-and-course-materials>). This course is structured to follow the chapters of the above course textbook. PDF or Word documents for each chapter will be available on Brightspace. Earlier version or used version of the book are acceptable. Estimated cost: 120\$ (subject to changes, Digital version available, second-hand version available at lower costs. Previous edition of the book are also acceptable)

Evaluation

Evaluation

There will be two midterm exams and a final exam. Midterm Exams will be online. E-proctoring may be used. Excuses for missed exams must be pre-approved except when this is not possible in an emergency situation. If you miss a mid-term examination for a documented compelling reason, the weight of the midterm will be reallocated to the final exam. No makeup will be offered. If you are sick, I should get an email about it before the exam.

Final exam will be in person during the Final comprehensive exam schedule.

Problem sets:

Problem sets will be assigned on Brightspace and mentioned by email. Problem sets are due at the time mentioned in the email. Each student needs to submit the problem set via Brightspace. **Any late Problem Set will receive a grade of zero. There are no make-ups for problem sets.**

Determination of the Final Course Grade:

Midterm Exam #1	20%
Midterm Exam #2	20%
Final Exam	50%
Problem sets	<u>10%</u>
	100%

Grading Scale:

A+ 90-100	B+ 77-79	C+ 67-69	D+ 57-59	
A 85-89	B 73-76	C 63-66	D 53-56	F 0-49
A- 80-84	B- 70-72	C- 60-62	D- 50-52	

Chapters from the text to be covered (note: this may change*):

Math Review, Ch. 3, 4, 5, 10, 16- 19

*Depending on time, chapters may be added or removed. Material that will be covered will be on Brightspace

A useful link for refreshing Math skills in Economics:

https://www.economicnetwork.ac.uk/maths_refresher/

Information About Assignments

All assignment will be on Brightspace and need to be submitted via Brightspace. In case of issues with Brightspace, email the TA (and copy me) the assignment or problem set before the deadline.

AI Policy

The use of generative artificial intelligence (GenAI) tools (e.g., ChatGPT, Claude, Gemini, Copilot, or similar tools) is not permitted in the completion of any assessed work in this course, including assignments, problem sets, quizzes, and examinations. All submitted work must be completed independently by the student. Any unauthorized use of GenAI will be treated as a violation of Carleton University's academic integrity policy.

All work must be completed independently.

Late Policies

Excuses for missed exams must be pre-approved except when this is not possible in an emergency situation. If you miss a mid-term examination for a documented compelling reason, the weight of the midterm will be reallocated to the final exam. No makeup will be offered. If

you are sick, I should get an email about it before the exam. Any late Problem Set will receive a grade of zero. There are no make-ups for problem sets. All work need to be completed alone.

Midterm/Test Policies

- If you are absent for a midterm, email me as soon as possible. **The weight of the midterm will be reallocated to the final exam.** No makeup will be offered. If you are sick, I should get an email about it before the exam.
- **Any late Problem Set will receive a grade of zero. There are no make-ups for problem sets.**

Final Exam

The final exam will be in person as scheduled by the University during the exam period. Students are not to make travel plans during the exam period as that is not a valid reason for missing a final exam.

To apply for an exception, please see the following link (Note that deadlines are early):
<https://carleton.ca/ses/examination-services/distance-exams/distance-exam-request-form/>

Satisfactory Performance Criteria

Students must fulfill all of the course requirements, including the final exam, in order to achieve a passing grade (D- or higher).

Deferred Finals

Students who do not write the final examination because of illness or other circumstances beyond their control may apply for to write a deferred final examination by contacting the Registrar's Office no later than three working days after the original final examination was scheduled. In the event that a student writes a deferred examination, the deferred examination will carry the same weight as the final examination in determining the course grade. Any deferred examination will not be identical to the original final examination.

Deferred finals (which must be applied for at the RO) are only available if the student is in good standing in the course, so if there is a minimum standard a student must meet in order to be in good standing, and entitled to write a deferred final exam, this standard must be stipulated here.

E-Proctoring

Please note that tests and examinations in this course may use a remote proctoring service provided by Scheduling and Examination Services or other. You can find more information at <https://carleton.ca/ses/e-proctoring/>.

Plagiarism, Resources and Mental Health, Academic Accommodations

You are responsible for reading and knowing the information about plagiarism.

Carleton is committed to providing academic accessibility for all individuals. You may need special arrangements to meet your academic obligations during the term. The accommodation request processes, including information about the Academic Consideration Policy for Students in Medical and Other Extenuating Circumstances, are outlined on the Academic Accommodations website (students.carleton.ca/course-outline).